

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Vinko KUNC et al.

Serial No.: New

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For: ISOLATION INTERFACE WITH CAPACITIVE BARRIER AND  
METHOD FOR TRANSMITTING A SIGNAL BY MEANS OF SUCH  
ISOLATION INTERFACE

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to initial examination, please amend the above-identified application as follows:

**IN THE CLAIMS**

Please amend claims 3 & 7 as follows:

3. (amended) Isolation interface with a capacitive barrier as recited in claim 1, characterized in that an input of the basic isolation interface (A1, C+, C-, R+, R-, A2) with a capacitive barrier is connected to a control input of a pulse-width modulator (PWM), to whose second input a constant frequency signal is uninterruptedly conducted and whose output is connected to an input of an auxiliary isolation interface provided for transmission over an auxiliary communication channel (ACC), that the output of the basic isolation interface (A1, C+, C-, R+, R-, A2) with the capacitive barrier and an output of the auxiliary isolation interface for transmission over the auxiliary communication channel (ACC) are connected to inputs of a decision logical circuit (DLC)